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1/1 - (C) FILE CAPLUS
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 TI - Dentifrices containing cationic microbicides and nonionic surfactants
 IN - Lin, Chinling; Saito, Toru
 PA - Sunstar, Inc., Japan
 SO - Jpn. Kokai Tokkyo Koho, 18 pp.
 CODEN: JKXXAF
 DT - Patent
 LA - Japanese
 IC - ICM A61K007-16
 ICS A61K007-22
 CC - 62-7 (Essential Oils and Cosmetics)
 Section cross-reference(s): 1, 63

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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN	JP11255629	A2	19990921	JP 1998-97903	19980409 <--
PRAI-	JP 1998-15121		19980108		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 11255629	ICM	A61K007-16
	ICS	A61K007-22

AB - Dentifrices, useful for dental plaque control, contain cationic microbicides and nonionic surfactants selected from polyoxyethylene C10-18 alkyl ethers [8-10 mol ethylene oxide (EO) adducts] and polyoxyethylene nonylphenyl ether (10-18 mol EO adduct). An aq. soln. contg. 0.05 wt.% cetylpyridinium chloride and 0.5 wt.% polyoxyethylene C13 alkyl ether (EO 8 mol) controlled *Streptococcus oralis* in a dental plaque model.

ST - dentifrice cationic microbicide nonionic surfactant; dental plaque control cetylpyridinium polyoxyethylene ether; nonylphenyl polyoxyethylene ether dentifrice cetylpyridinium chloride; *Streptococcus* plaque control dentifrice polyoxyethylene surfactant

IT - Amino acids, biological studies
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (N-acyl, basic; dentifrices contg. cationic microbicides and nonionic surfactants for improved permeability)

IT - Amino acids, biological studies
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (basic, N-acyl; dentifrices contg. cationic microbicides and nonionic surfactants for improved permeability)

IT - Diphosphates
 Polyphosphates
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological

- study, unclassified); BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(chelating agent; dentifrices contg. cationic microbicides and nonionic surfactants for improved permeability)
- IT - Antibacterial agents
Chelating agents
Dentifrices
Mouthwashes
(dentifrices contg. cationic microbicides and nonionic surfactants for improved permeability)
- IT - Quaternary ammonium compounds, biological studies
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(dentifrices contg. cationic microbicides and nonionic surfactants for improved permeability)
- IT - Alcohols, biological studies
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(ethoxylated; dentifrices contg. cationic microbicides and nonionic surfactants for improved permeability)
- IT - Phosphates, biological studies
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(metaphosphates, chelating agent; dentifrices contg. cationic microbicides and nonionic surfactants for improved permeability)
- IT - Surfactants
(nonionic; dentifrices contg. cationic microbicides and nonionic surfactants for improved permeability)
- IT - Tooth
(plaque; dentifrices contg. cationic microbicides and nonionic surfactants for improved permeability)
- IT - Essential oils
RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(plum; dentifrices contg. cationic microbicides and nonionic surfactants for improved permeability)
- IT - Polyphosphoric acids
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(sodium salts, chelating agent; dentifrices contg. cationic microbicides and nonionic surfactants for improved permeability)
- IT - 56-41-7, Alanine, biological studies 60-00-4, Edetic acid, biological studies 68-04-2, Sodium citrate 77-92-9, biological studies 87-69-4, biological studies 90-80-2, Glucono-.delta.-lactone 139-33-3, Disodium edetate 150-39-0D, Hydroxyethylethylenediaminetriacetic acid, salts 526-95-4, Gluconic acid 7722-88-5
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); THU (Therapeutic

use); BIOL (Biological study); USES (Uses)

(chelating agent; dentifrices contg. cationic microbicides and nonionic surfactants for improved permeability)

IT - 55-56-1, Chlorhexidine 98-79-3D, Pyrrolidonecarboxylic acid, salts with N-cocoyl-L-arginine Et ester 123-03-5, Cetylpyridinium chloride 2577-94-8D, L-Arginine methyl ester, N-cocoyl, hydrochlorides 3697-42-5, Chlorhexidine hydrochloride 9002-92-0, Polyoxyethylene dodecyl ether 9004-95-9, Polyoxyethylene hexadecyl ether 9005-00-9, Polyoxyethylene octadecyl ether 9016-45-9, Polyoxyethylene nonylphenyl ether 9036-19-5, Polyoxyethylene octylphenyl ether 18472-51-0, Chlorhexidine gluconate 24938-91-8, Polyoxyethylene tridecyl ether 26183-52-8, Polyoxyethylene decyl ether 27252-75-1, Polyoxyethylene octyl ether 27306-79-2, Polyoxyethylene tetradecyl ether 28696-31-3D, L-Arginine ethyl ester, N-cocoyl, salts 34398-05-5, Polyoxyethylene pentadecyl ether 39587-22-9, Polyoxyethylene nonyl ether 45292-97-5 48076-74-0
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(dentifrices contg. cationic microbicides and nonionic surfactants for improved permeability)

IT - 97-53-0, Eugenol 104-46-1, Anethole

RL: BUU (Biological use, unclassified); MOA (Modifier or additive use);

THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(dentifrices contg. cationic microbicides and nonionic surfactants for improved permeability)

